

REPLACEMENT SHEET

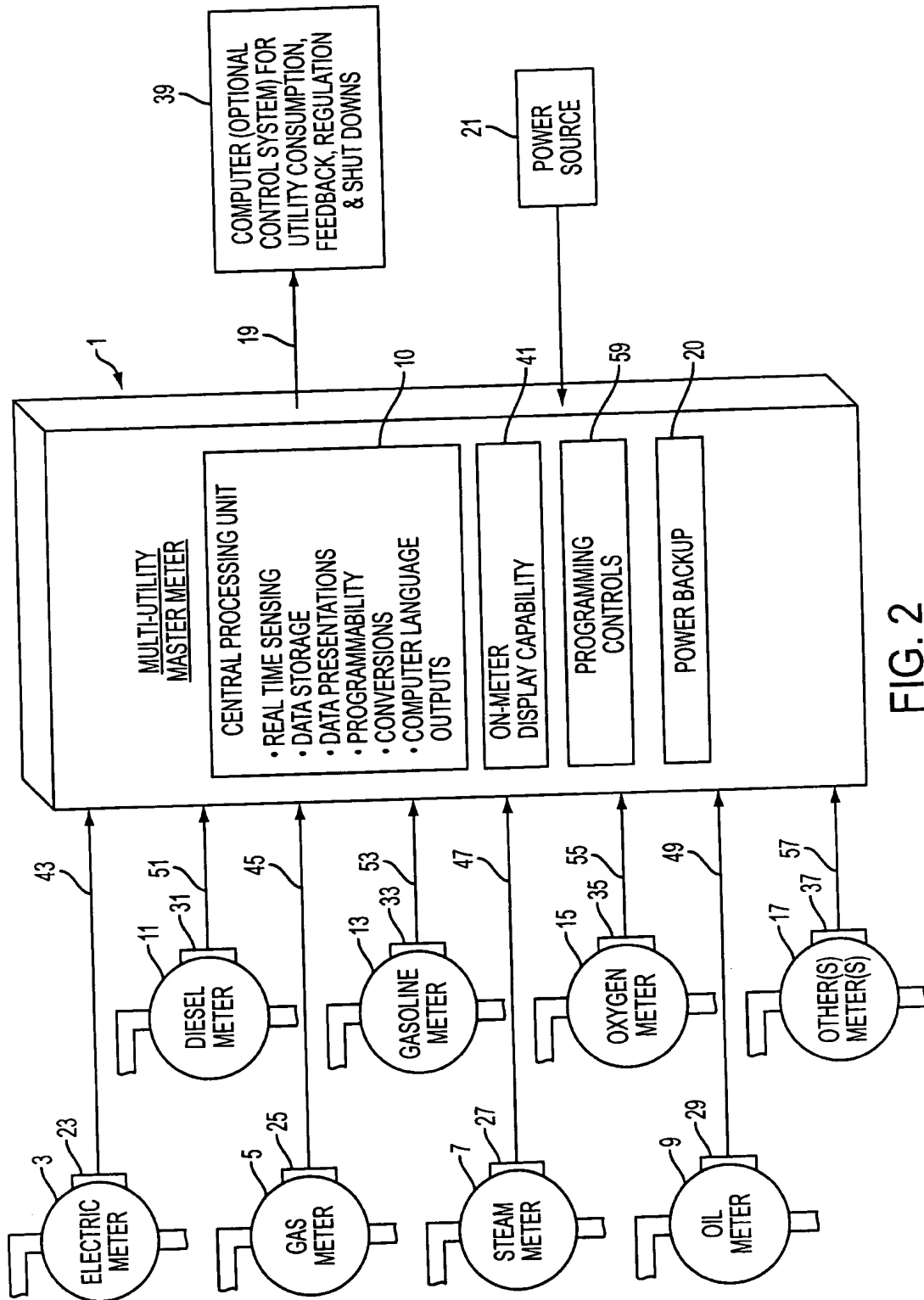


FIG. 2

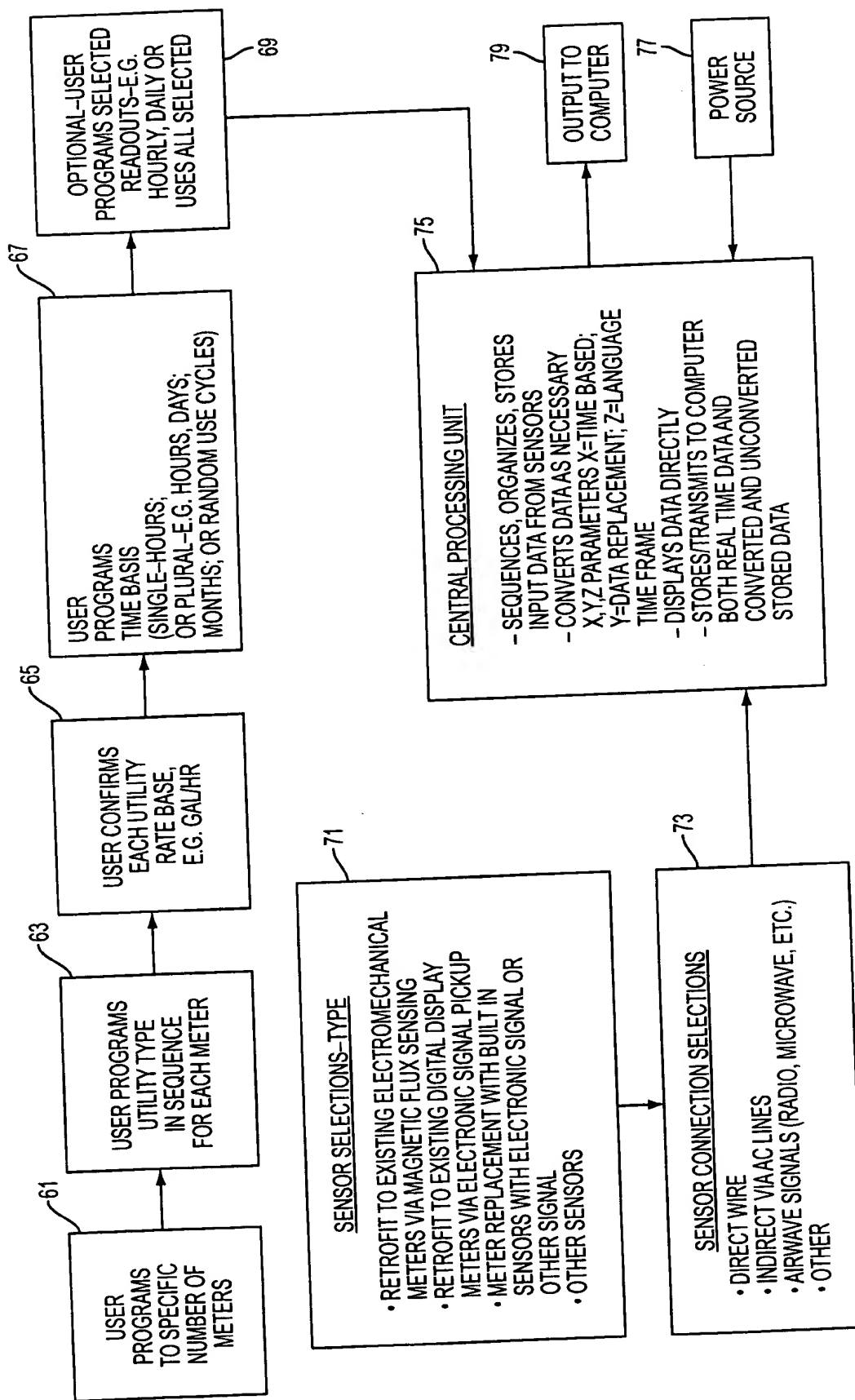


FIG. 3

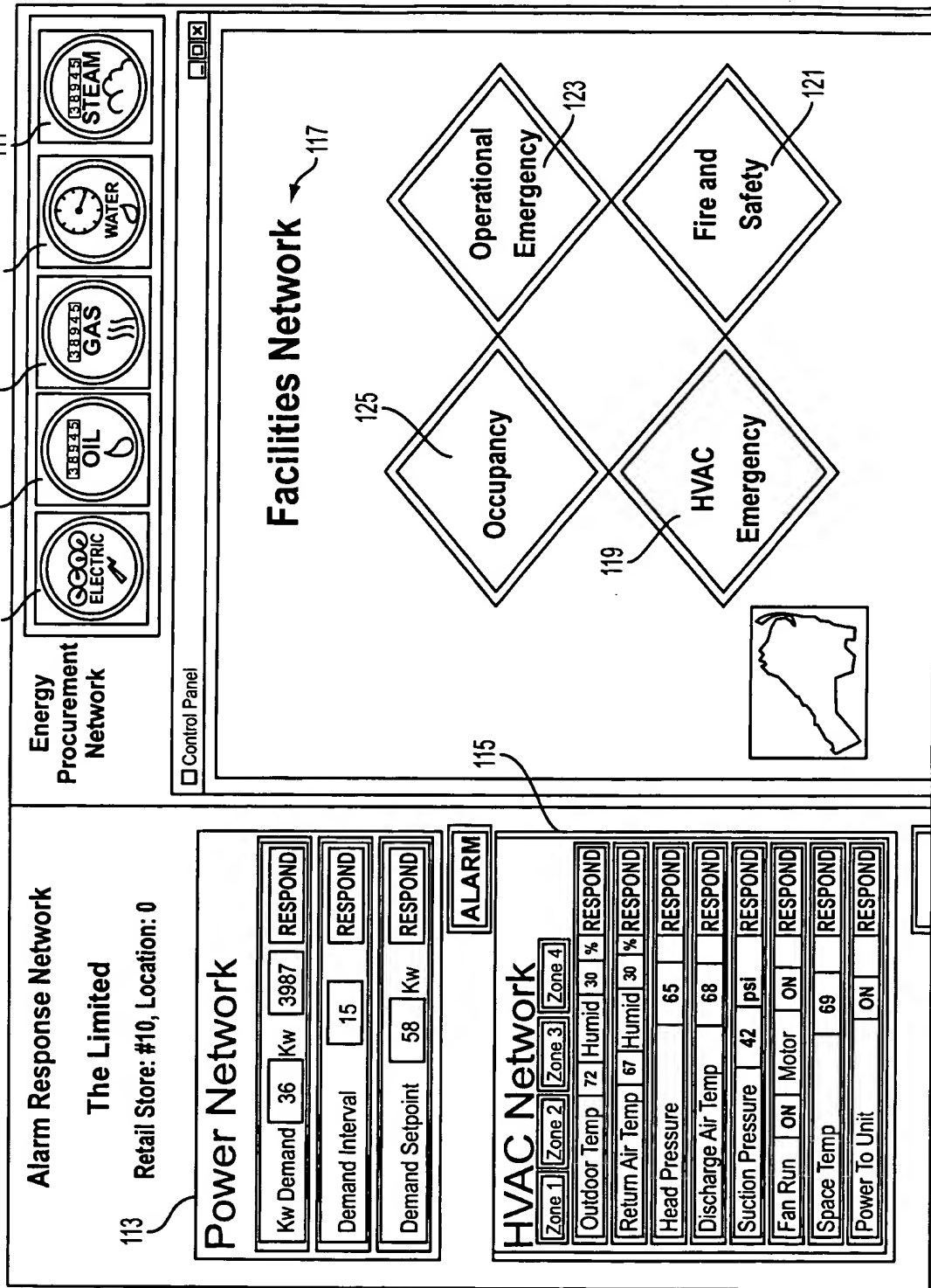


FIG. 4

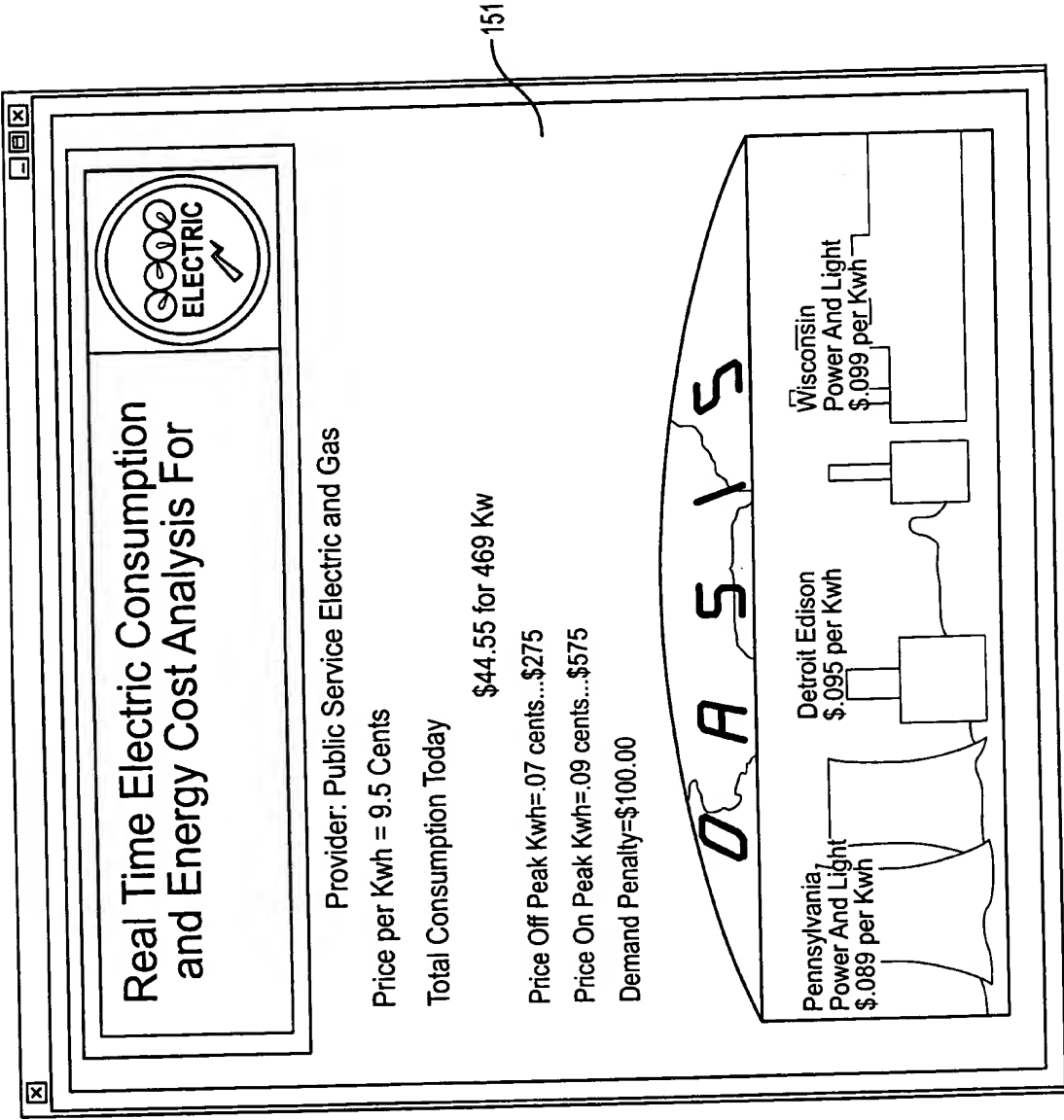


FIG. 5


REPLACEMENT SHEET

RETURN

OASIS Nodes in MAAC

Node:
PJM OASIS

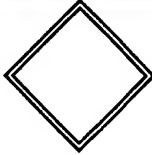
[<http://oasis.pm.com>]



Providers on PJM OASIS	
Provider Code	Provider Name
AE	Atlantic City Electric Company
BGE	Baltimore Gas and Electric Company
DPL	Delmarve Power and Light Company
GPUE	GPU Energy
PECO	PECO Energy Company
PPL	Pennnsylvania Power and Light Company
PEPC	Potomac Electric Power Company (PEPCO)
PJM	PJM
PSEG	Public Service Electric and Gas Company

FIG. 6

REPLACEMENT SHEET



Occupancy

RETURN

OUTSIDE INFORMATION

Of People Who Passed The Front Door/Gate 236

Approximate Time That These People Walked By

8:00 AM to 10:30 AM	24	3:30 PM to 5:00 PM	144
10:30 AM to 1:00 PM	14	5:00 PM to 7:30 PM	26
1:00 PM to 3:30 PM	56	7:30 PM to 10:00 PM	179

INSIDE INFORMATION

Of People Who Entered The Front Door/Gate 46

Approximate Time That These People Walked In

8:00 AM to 10:30 AM	13	3:30 PM to 5:00 PM	29
10:30 AM to 1:00 PM	24	5:00 PM to 7:30 PM	13
1:00 PM to 3:30 PM	16	7:30 PM to 10:00 PM	86

211

FIG. 7

Freehold Central Office

Total Facility Real Time Consumption
6138 Kw

Active Kw

345

Daily Kwh

Last Interval

462

Yesterday Kwh

Daily Peak KW

622

Monthly Kwh

Monthly Peak

Yearly Kwh

Other Utilities Real Time Consumption

Gas Consumption

914 ccf

Steam Consumption

%mlb

Steam Demand

MLB

Oil Consumption

Gal.

Daily Water Consumption

Gal.

Outdoor Temperature

23 °

Indoor Temperature

°

Outdoor Humidity

%

Freehold Central Office Floor Selector

Floor 6

Floor 5

Floor 4

Floor 3

Floor 2

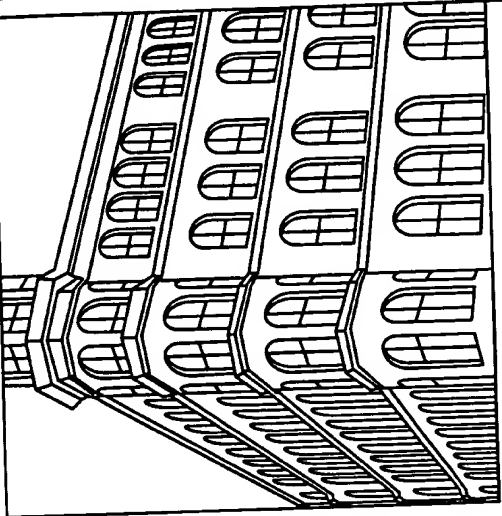
Floor 1

Sublevel 1

Sublevel 2

Basement

221



ELECTRIC

133473

OIL

133473

GAS

133473

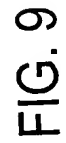
WATER

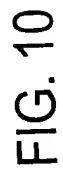
STEAM

201163

FLOOR SERVICES

FIG. 8





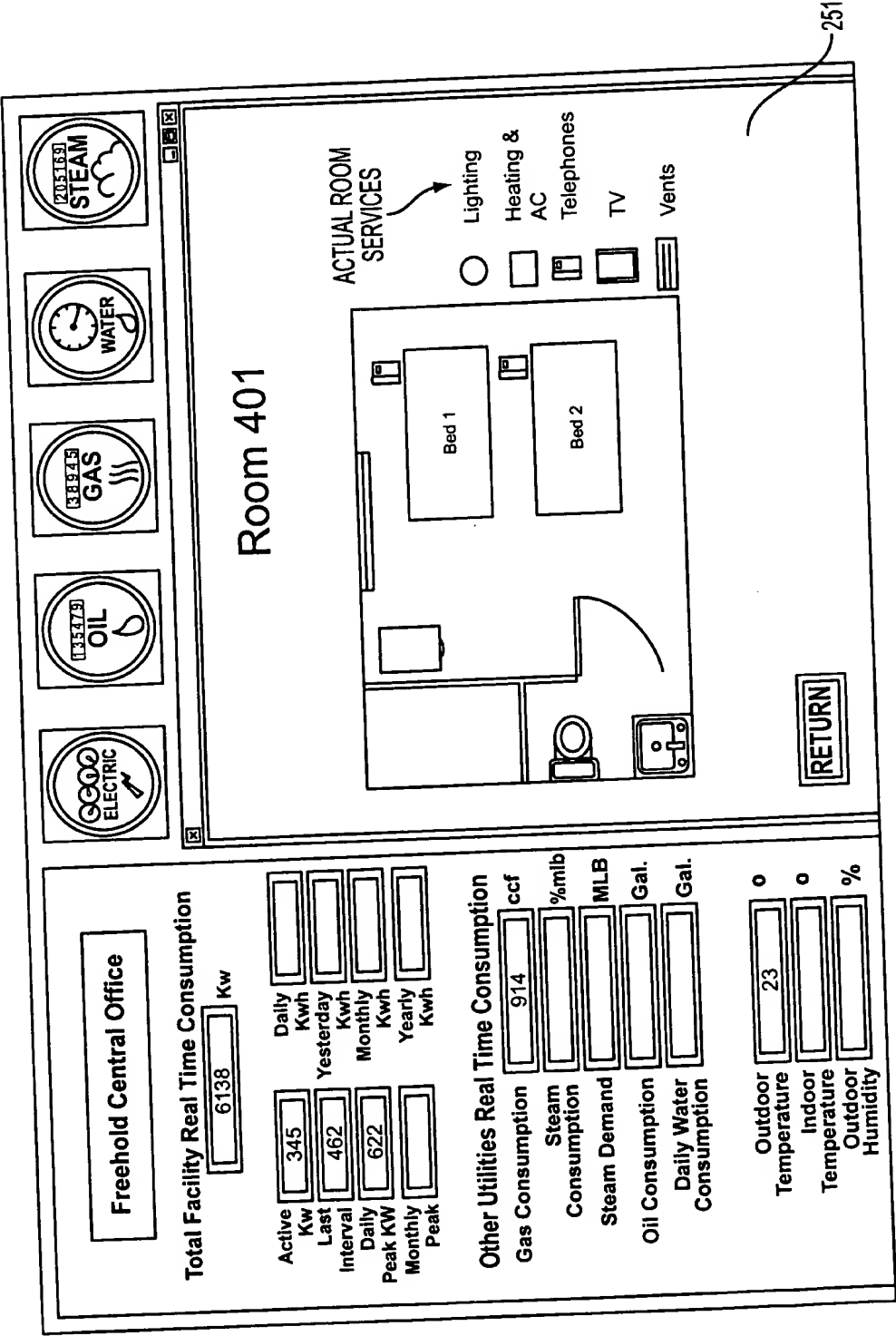


FIG. 11

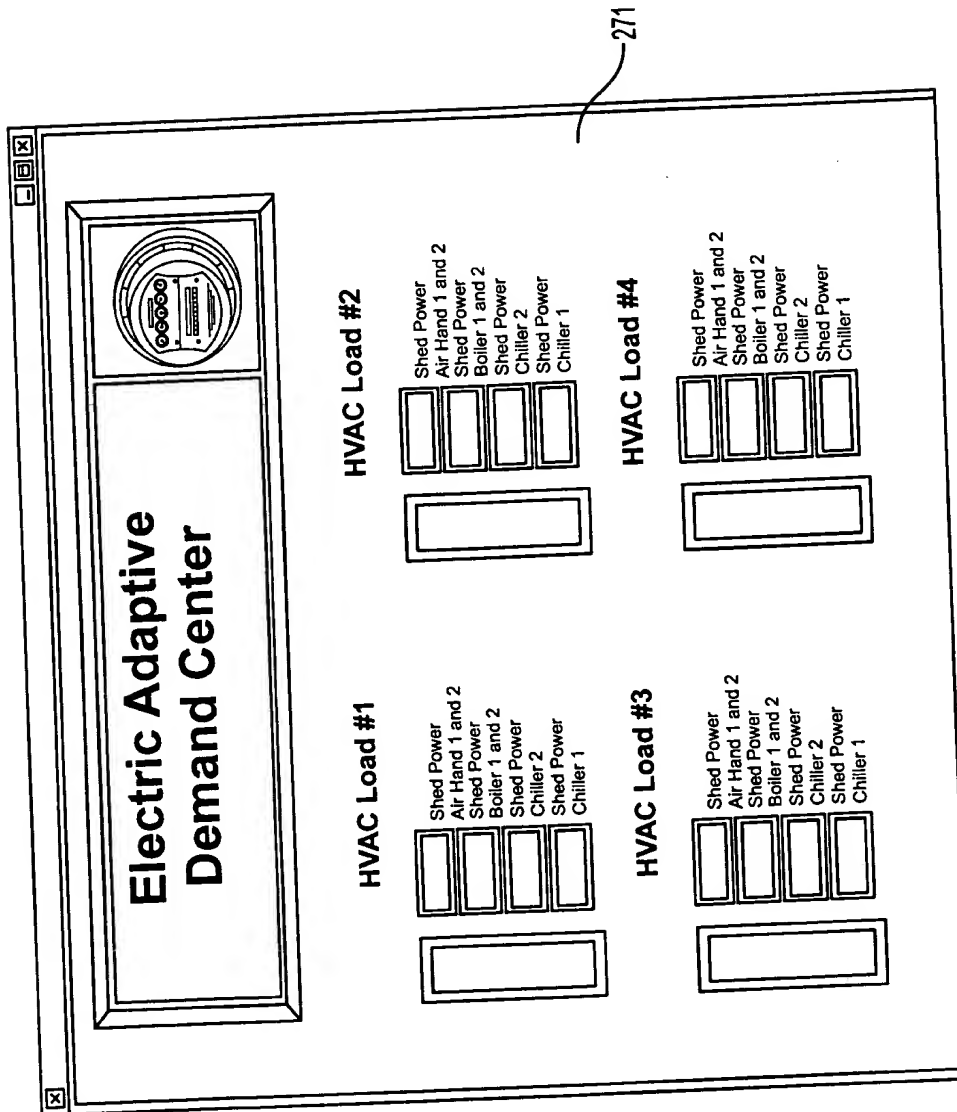


FIG. 12

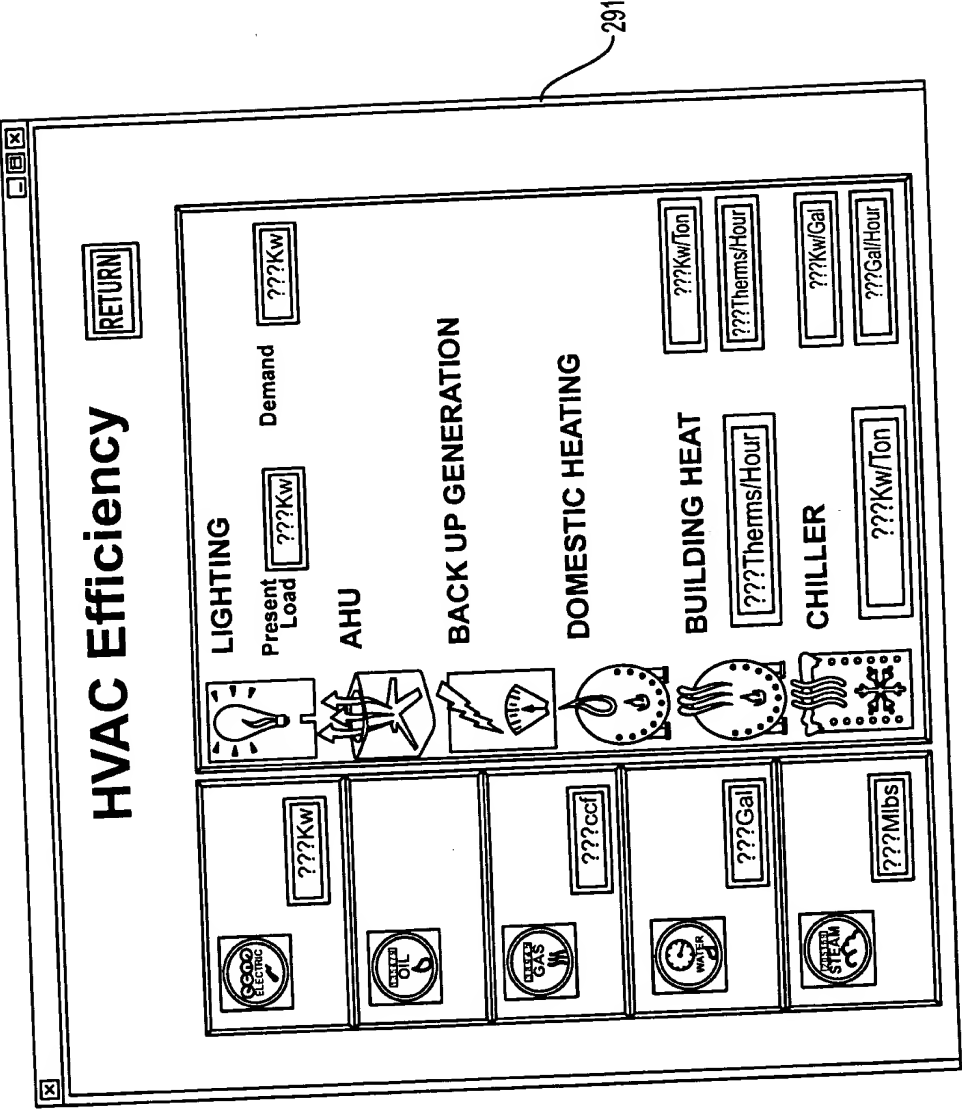


FIG. 13

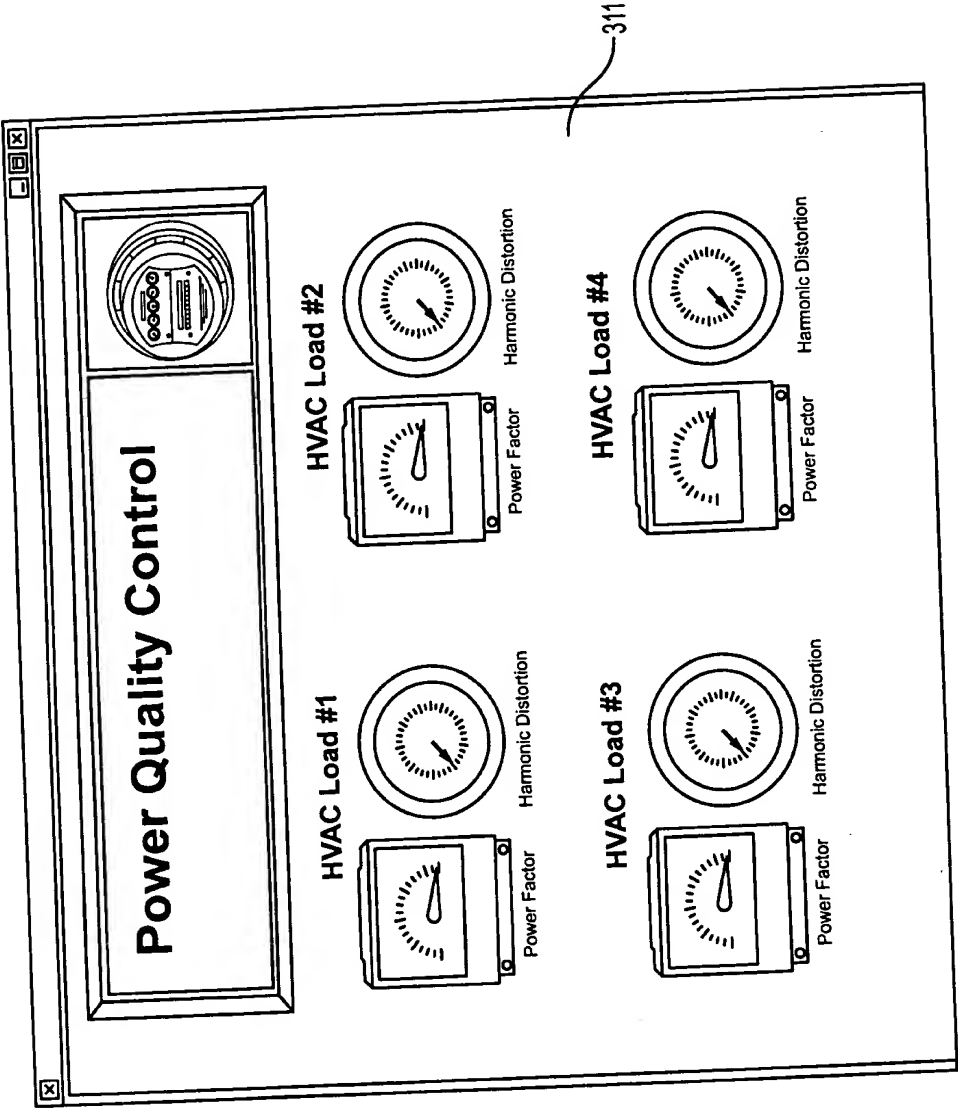


FIG. 14

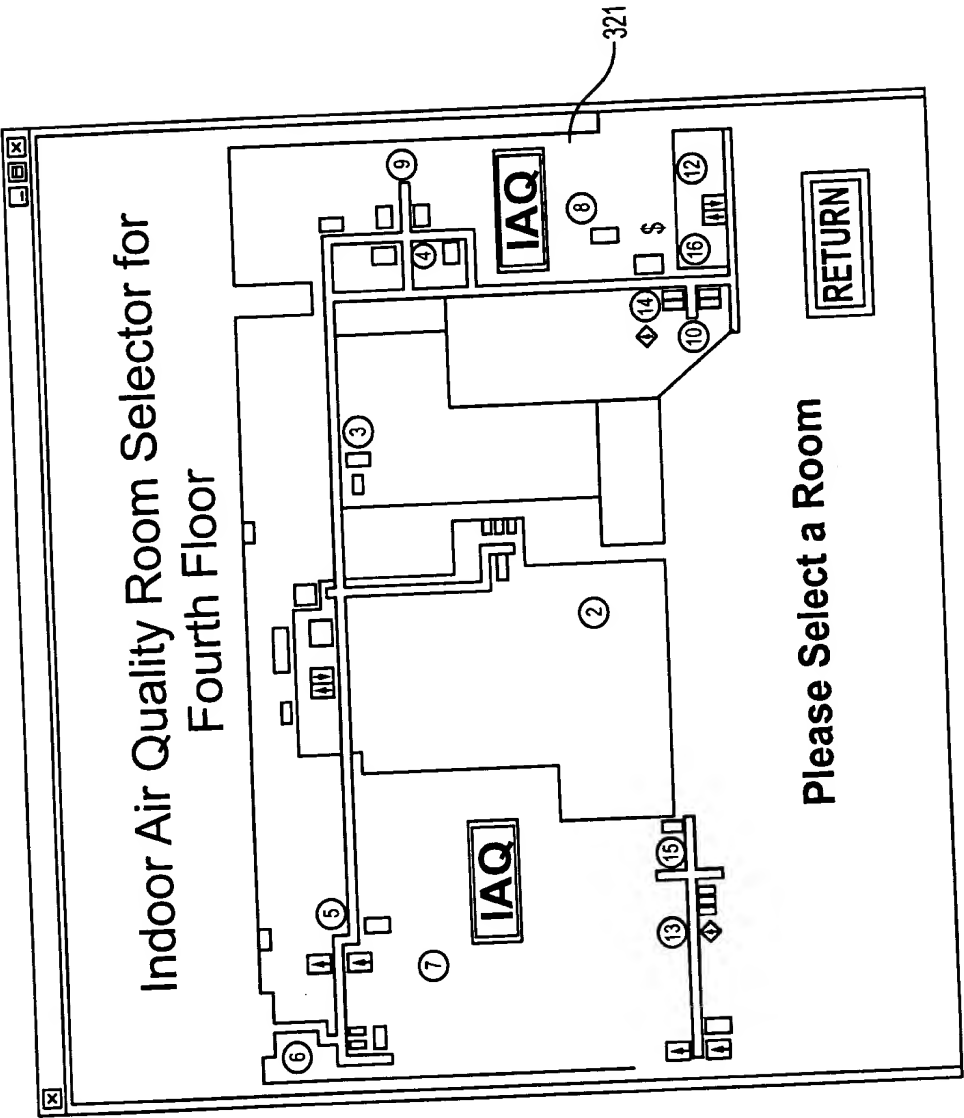


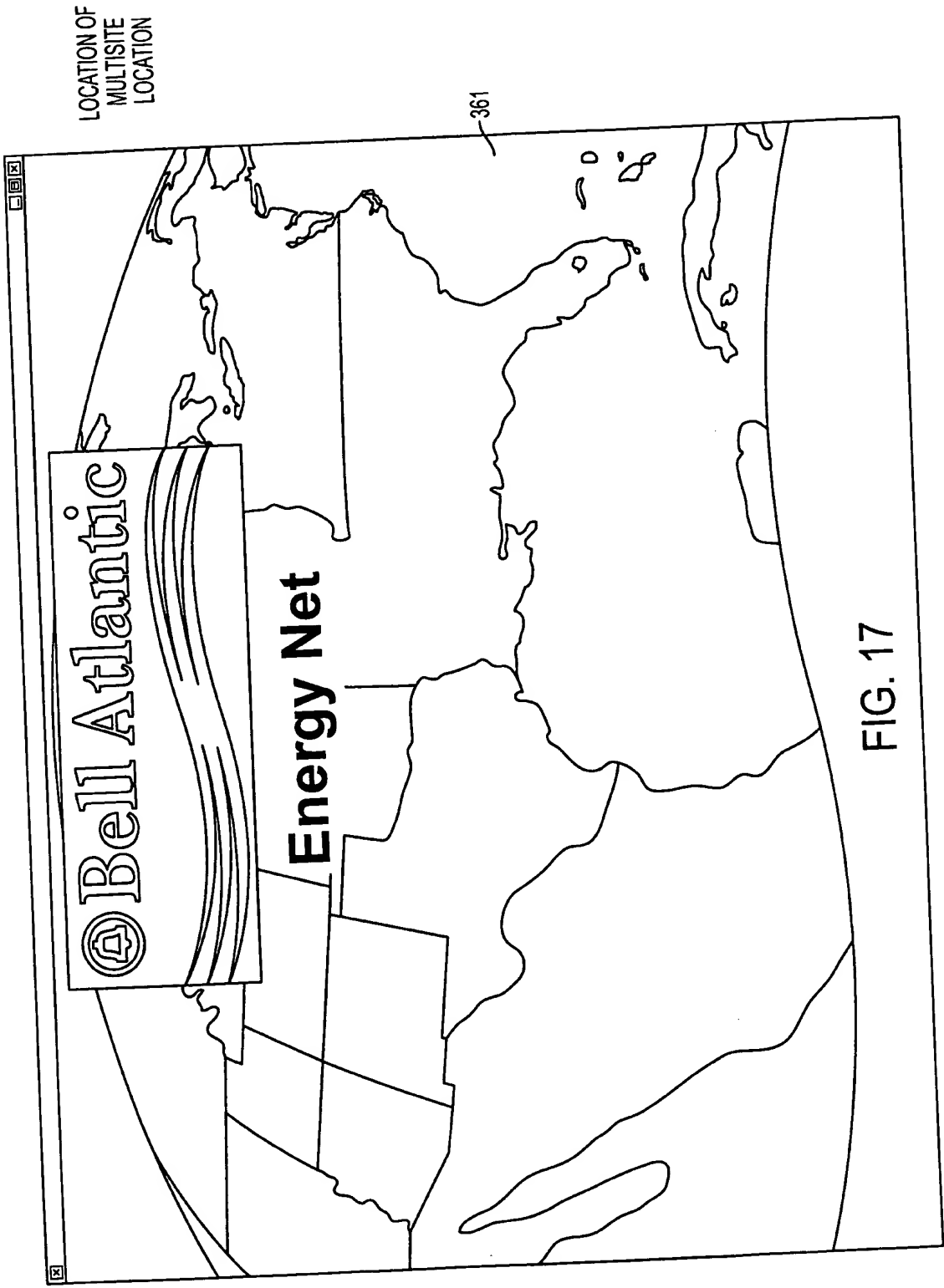
FIG. 15

Indoor Air Quality

RETURN

	Level Detected	Acceptable	
SO ₂ - Sulfur Dioxide =	0.2 ppm	0.14 ppm	
H ₂ S	0 ppm	0.14 ppm	
CO ₂ - Carbon Dioxide	1500 ppm	1000 ppm	
CO - Carbon Monoxide	1 ppm	2.5 ppm	
NO - Nitrous Oxide	37.2 ppm	0.4 ppm	
NO ₂ - Nitrogen Dioxide	0.7 ppm	0.3 ppm	
VOCs - Volatile Organic Compounds	High	Medium	
RH - Relative Humidity	44% - 58.4%		
Temp -	°		

FIG. 16



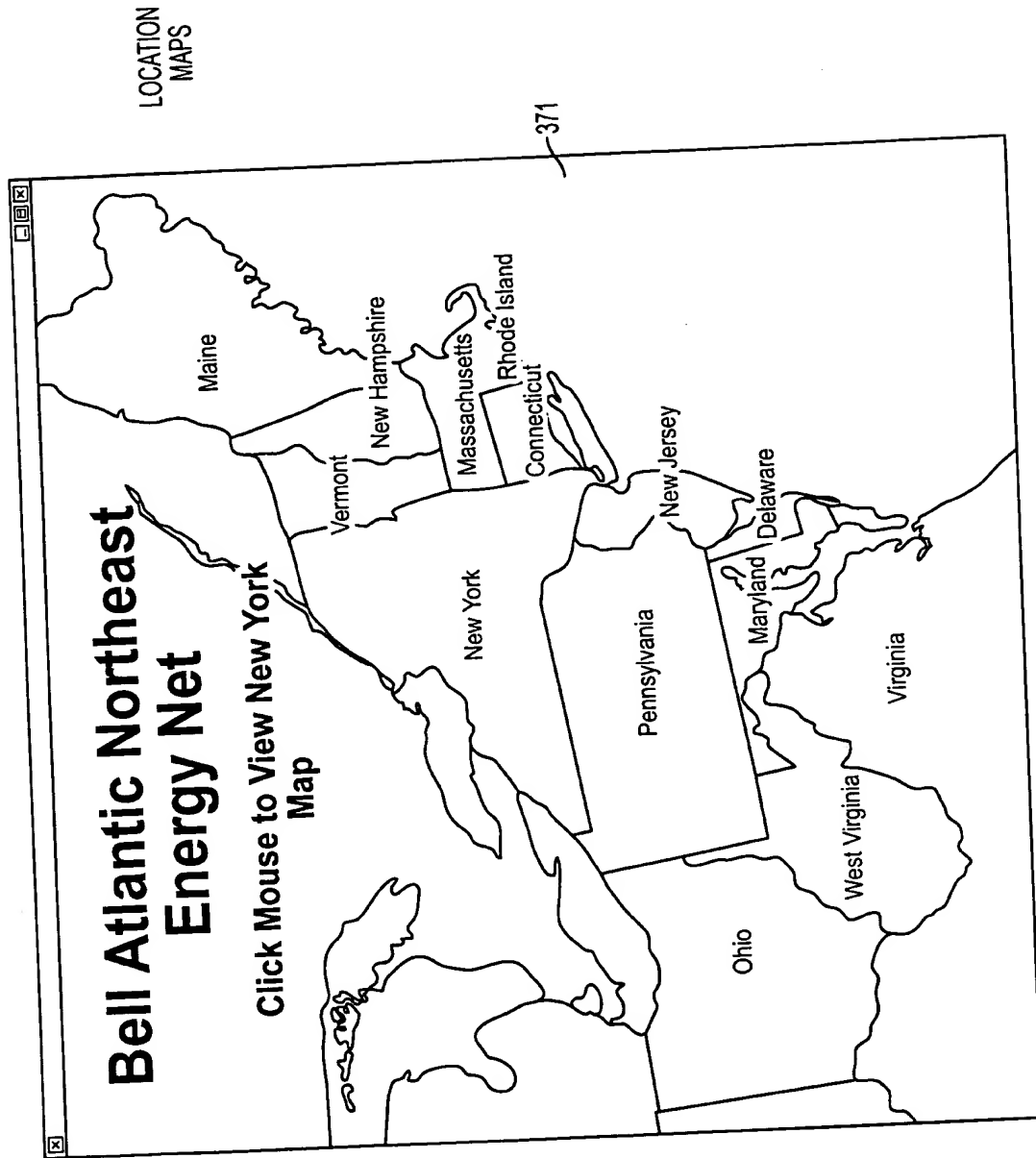


FIG. 18

REPLACEMENT SHEET



FIG. 19

REPLACEMENT SHEET

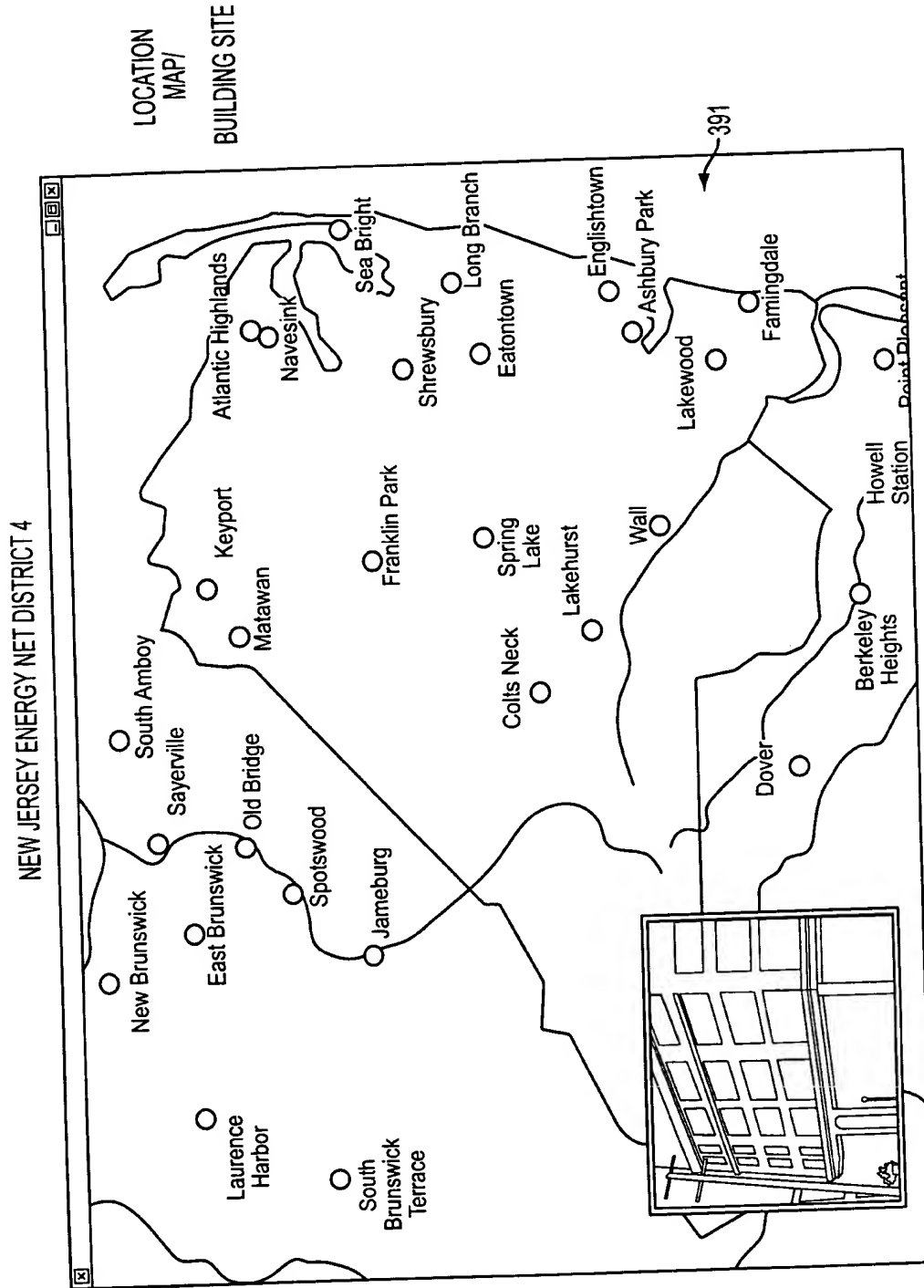


FIG. 20

REPLACEMENT SHEET

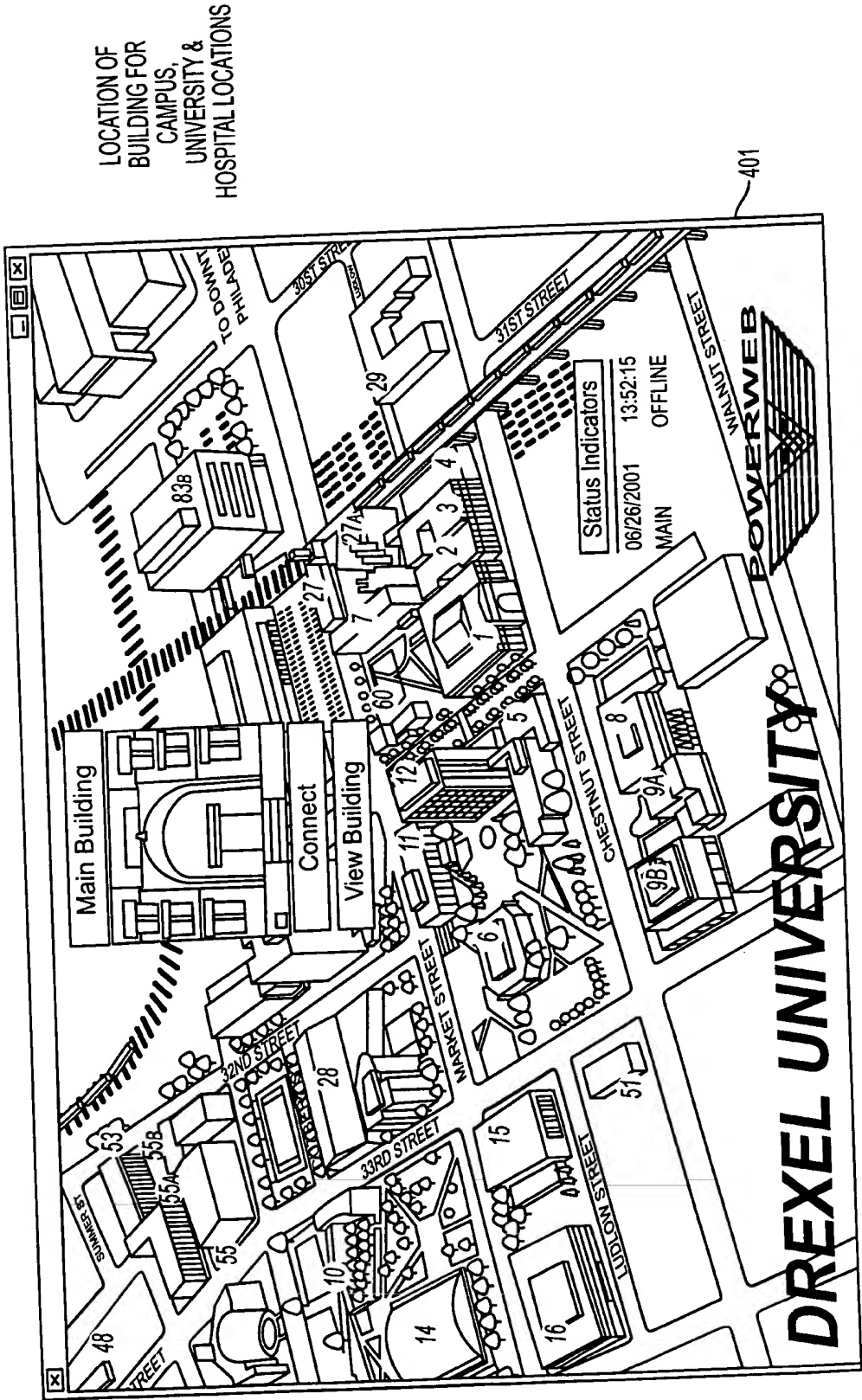


FIG. 21

REPLACEMENT SHEET

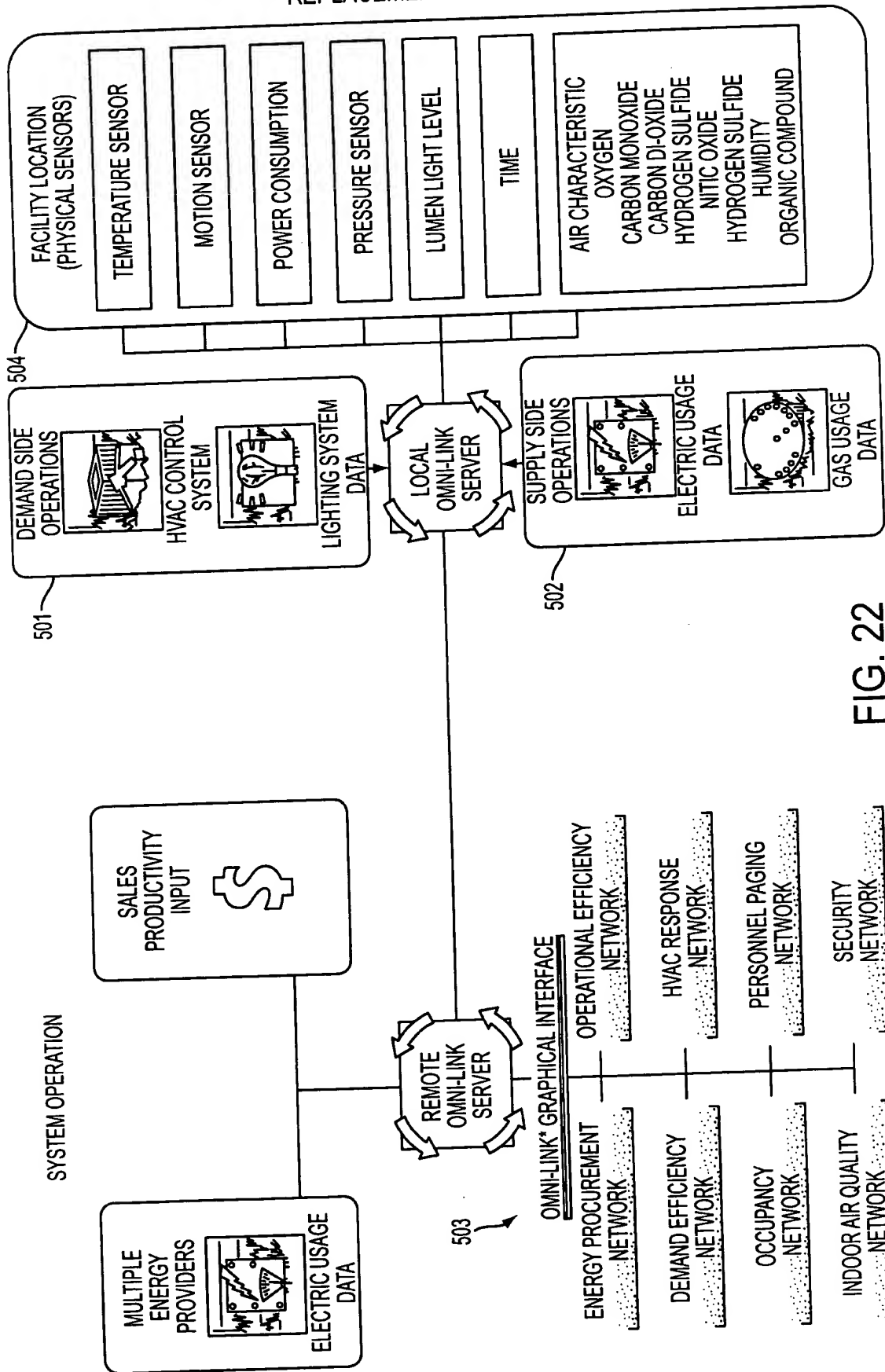
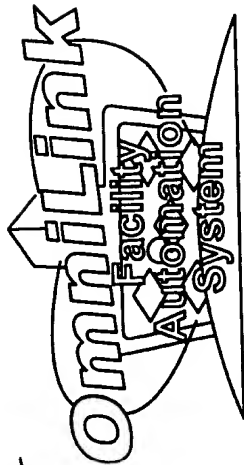


FIG. 22



DEMAND
EFFICIENCY
NETWORK

NET BENEFITS:

- CENTRALIZED DEMAND CONTROL
- LOCALIZED DEMAND CONTROL
- UTILITY PROCUREMENT DEMAND CONTROL
- CORPORATE DEMAND PROFILING
- PINPOINT PROBLEM AREAS

NET SAVINGS:

- CONSERVATIVELY A 3-10% REDUCTION IN ELECTRICAL DEMAND

REPLACEMENT SHEET

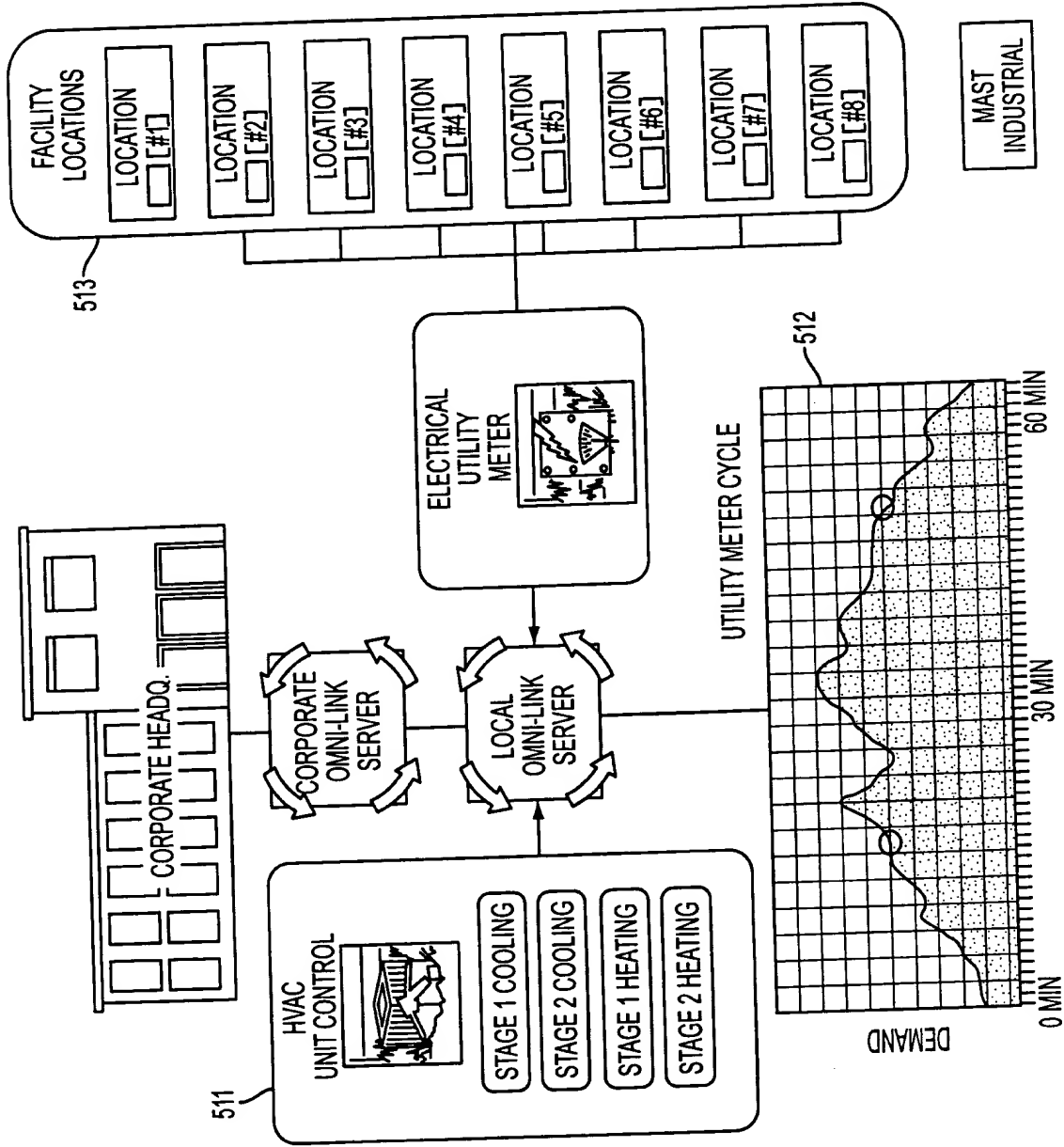
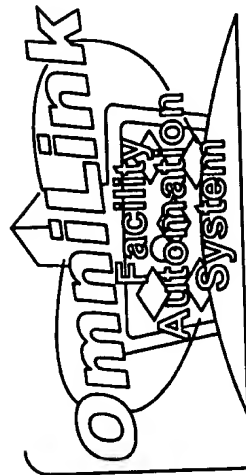


FIG. 23



OPERATIONAL
EFFICIENCY
NETWORK

NET BENEFITS:

- NATIONWIDE SIMULTANEOUS OPERATIONAL CONTROL
- EFFICIENT OPERATIONS OF HVAC & LIGHTING
- TIMECLOCK EFFICIENCY WITHOUT HUMAN INTERVENTION
- AUTOMATIC SPACE PRE-HEAT/ PRE-COOL
- AUTOMATIC MULTI-STAGE LIGHTING

NET SAVINGS:

- CONSERVATIVELY 5-15% REDUCTION IN ENERGY CONSUMPTION

REPLACEMENT SHEET

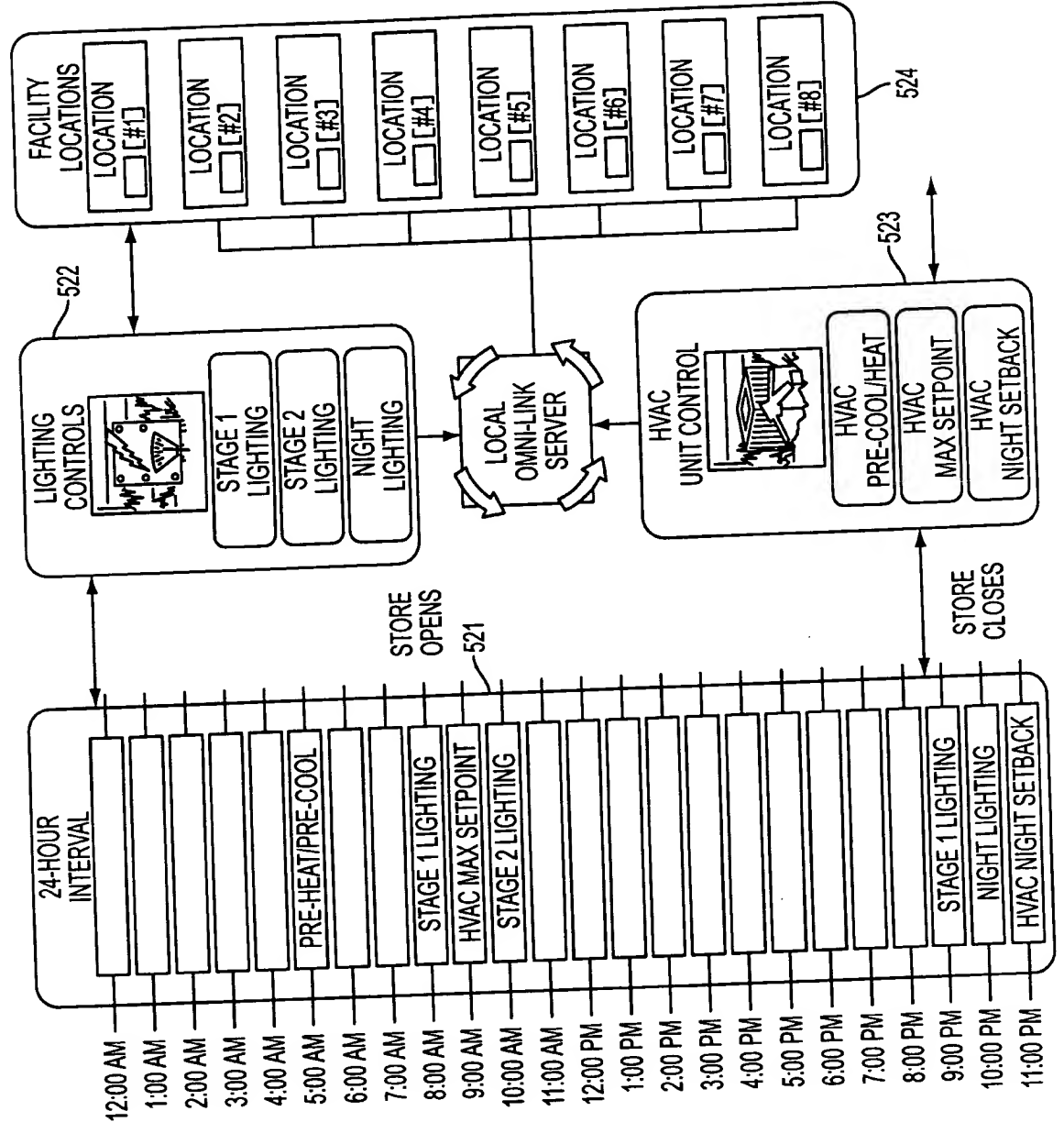
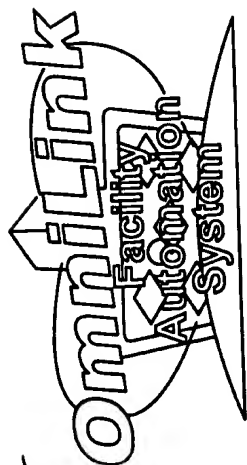


FIG. 24



ENERGY

PROCUREMENT NETWORK

NET BENEFITS:

- CENTRALIZED PROCUREMENT NETWORK
- LOW COST ELECTRICITY
- INSTANT CONSOLIDATION
- INSTANT AGGREGATION
- GRID PURCHASE / NO MIDDLEMAN

NET SAVINGS:

- APPROXIMATELY 10% LESS THAN THE DEREGULATED PRICE
- APPROXIMATE SAVINGS 2 TO 5 MILLS

REPLACEMENT SHEET

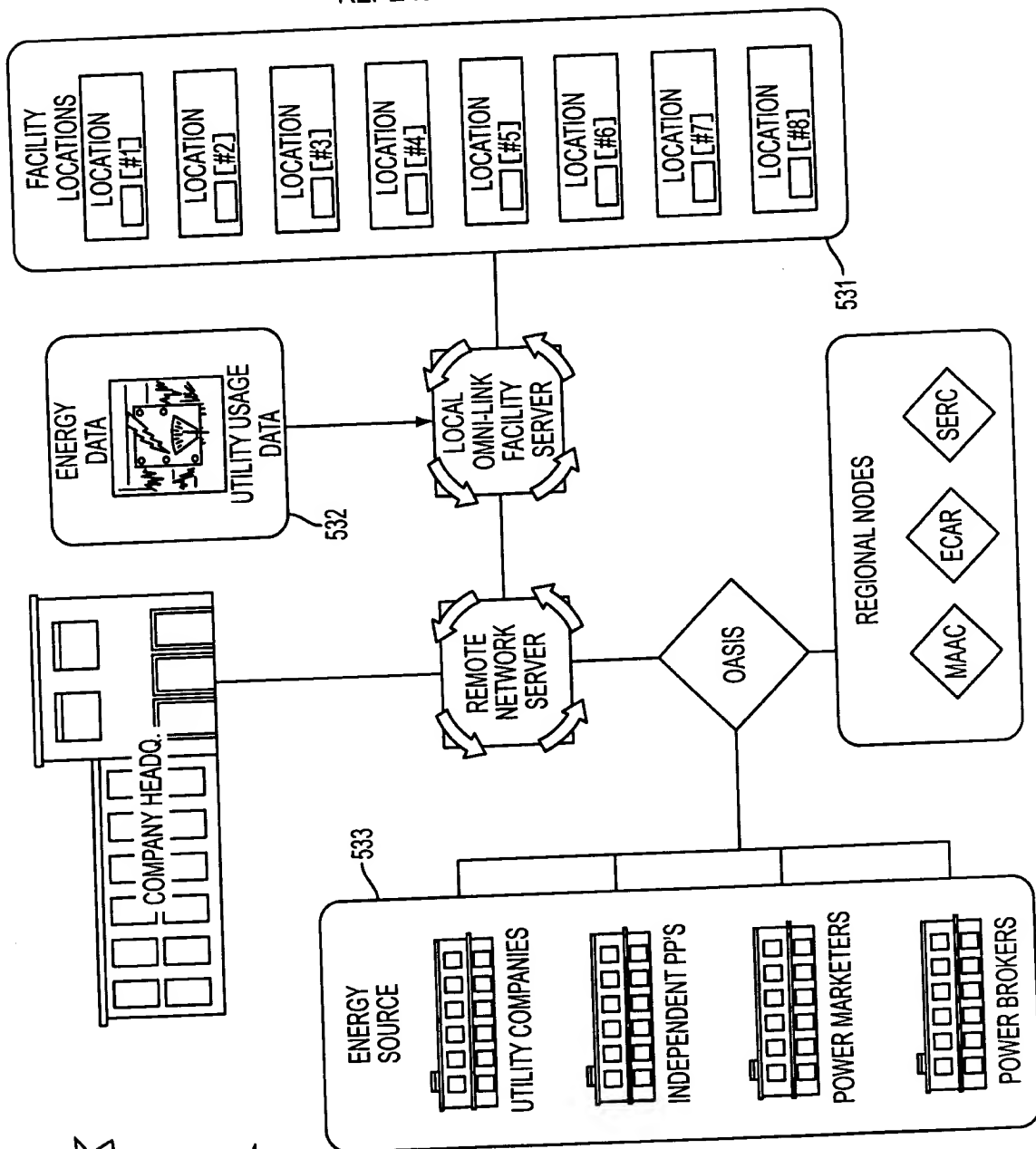


FIG. 25

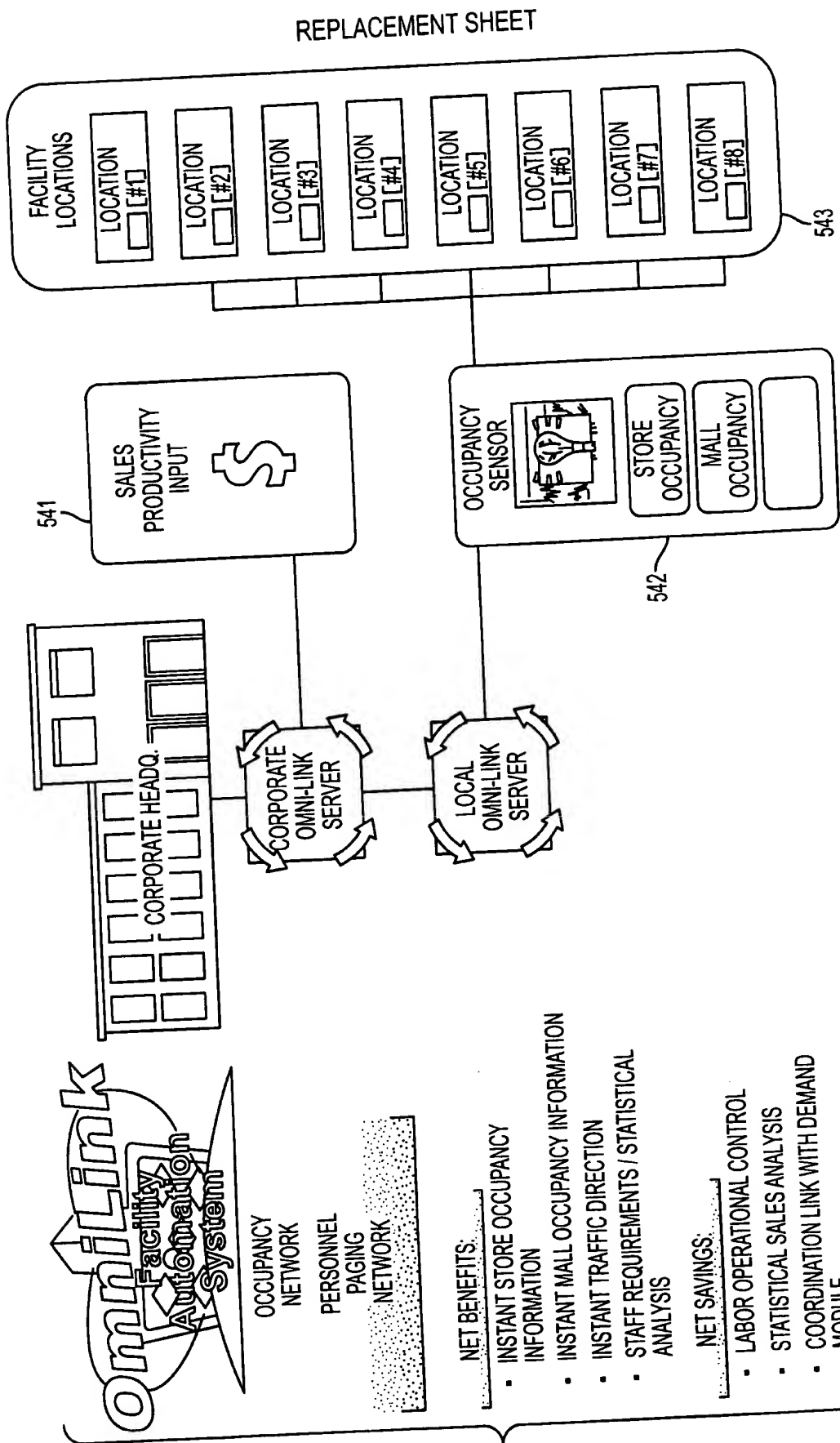
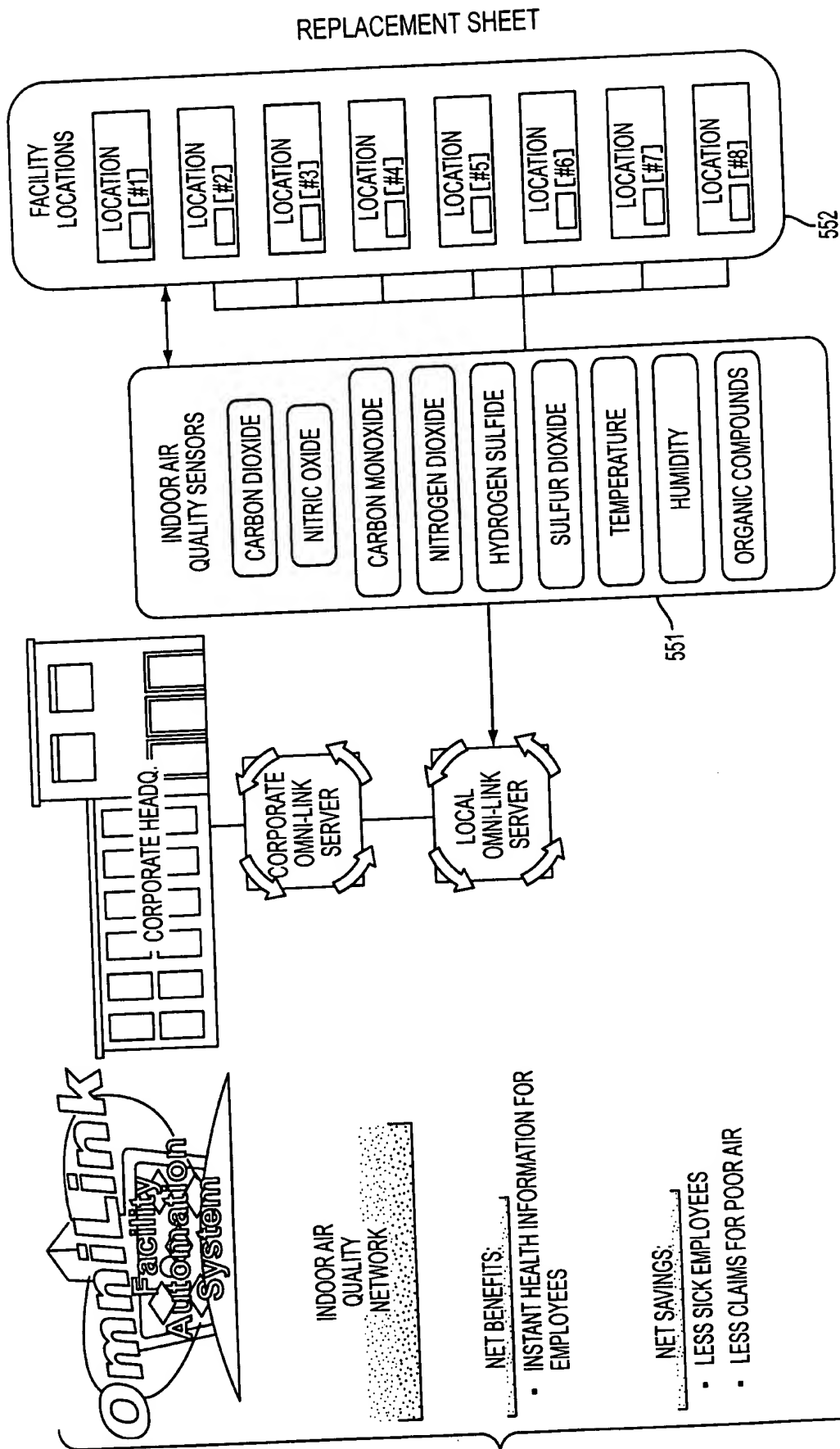
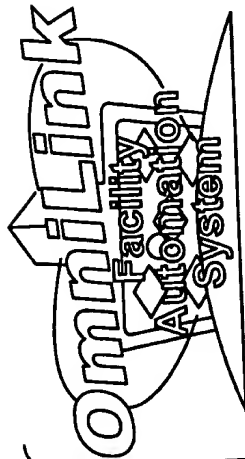


FIG. 26



REPLACEMENT SHEET

FIG. 27



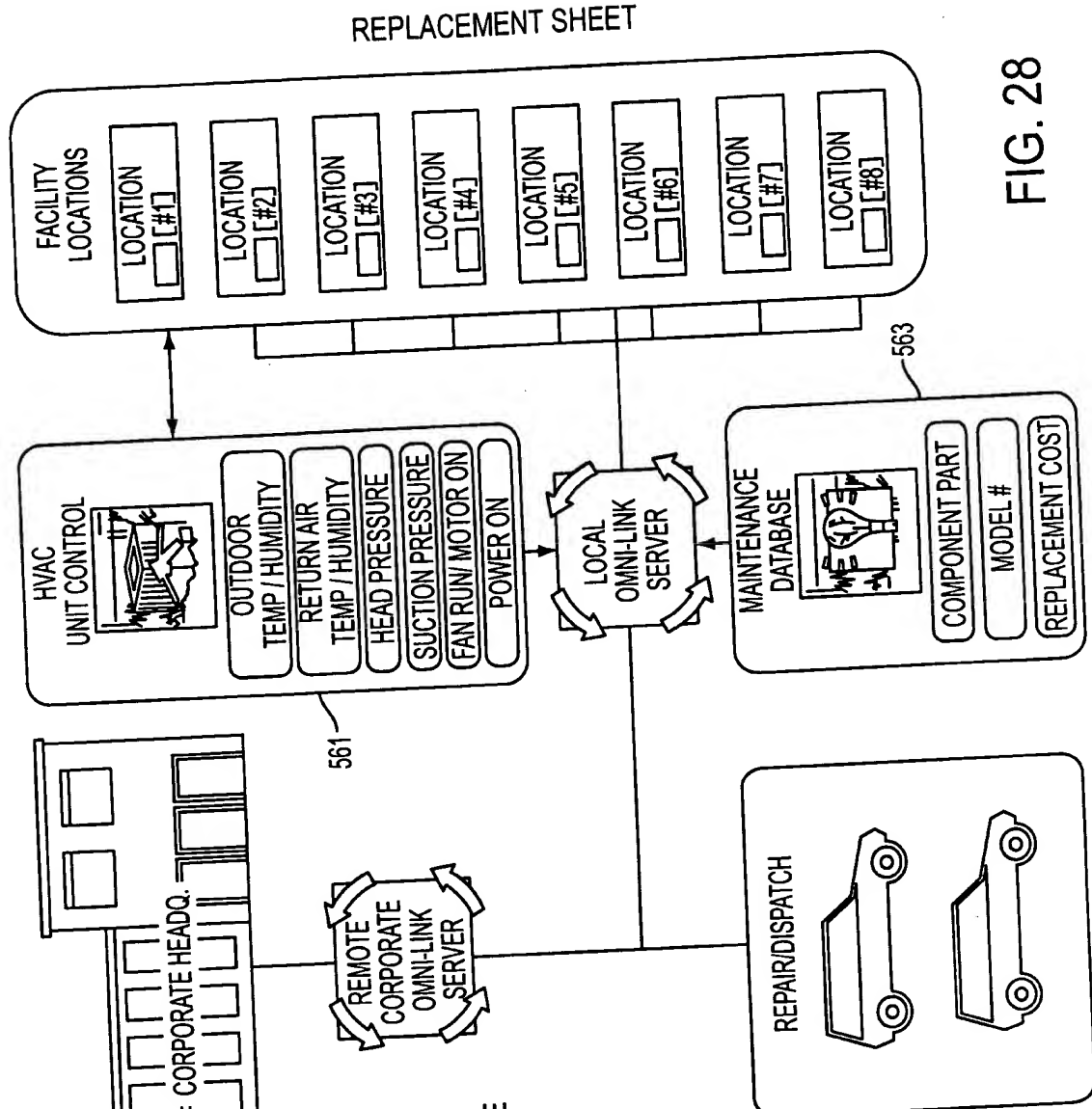
HVAC
RESPONSE
NETWORK

NET BENEFITS:

- CENTRALIZED PROCESSING FOR ALL HVAC SERVICE
- LOW-PRICED PROACTIVE REPAIR RATHER THAN COSTLY REACTIVE SERVICE (40%)
- COST-EFFECTIVE DISPATCH IDENTIFYING COMPONENT MALFUNCTION
- ALLEVIATION OF FALSE DISPATCHES (30%)
- TRACK REPAIR COST, REPAIR TIME, CONTRACTOR PERFORMANCE, REPEATED BILLINGS
- EMBEDDED PROGRAM / CONTRACTOR TRAINING

NET SAVINGS:

- APPROXIMATELY 80% REDUCTION IN FALSE DISPATCH CALLS
- APPROXIMATELY 80% REDUCTION IN OVERTIME WEEKEND REPAIRS
- CONSERVATIVELY A 5-15% REDUCTION IN



REPLACEMENT SHEET

FIG. 28